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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 "Ask CAS" for self-help around the clock  
NEWS 3 May 12 EXTEND option available in structure searching  
NEWS 4 May 12 Polymer links for the POLYLINK command completed in REGISTRY  
NEWS 5 May 27 New UPM (Update Code Maximum) field for more efficient patent  
SDIs in CAPlus  
NEWS 6 May 27 CAPlus super roles and document types searchable in REGISTRY  
NEWS 7 Jun 22 STN Patent Forums to be held July 19-22, 2004  
NEWS 8 Jun 28 Additional enzyme-catalyzed reactions added to CASREACT  
NEWS 9 Jun 28 ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG,  
and WATER from CSA now available on STN(R)  
NEWS 10 Jul 12 BEILSTEIN enhanced with new display and select options,  
resulting in a closer connection to BABS  
  
NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT  
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),  
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that  
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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:52:32 ON 26 JUL 2004

=> FIL REGISTRY

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 15:52:59 ON 26 JUL 2004

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STRUCTURE FILE UPDATES: 25 JUL 2004 HIGHEST RN 716315-35-4  
DICTIONARY FILE UPDATES: 25 JUL 2004 HIGHEST RN 716315-35-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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Experimental and calculated property data are now available. For more  
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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s ^kpv/sqsp  
L1 953 ^KPV/SQSP

=> s ^hfrwgkpv/sqsp  
L2 38 ^HFRWGKPV/SQSP

=> s ^sysmehfrwgkpv/sqsp  
L3 647 ^SYSMEHFRWGKPV/SQSP

=> FIL CAPLUS BIOSIS MEDLINE PCTFULL USPATFULL EUROPATFULL JAPIO SCISEARCH EMBASE  
USPAT2 EUROPATFULL  
COST IN U.S. DOLLARS

	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	80.34	80.55

FILE 'CAPLUS' ENTERED AT 15:54:28 ON 26 JUL 2004  
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FILE 'EMBASE' ENTERED AT 15:54:28 ON 26 JUL 2004  
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FILE 'USPAT2' ENTERED AT 15:54:28 ON 26 JUL 2004  
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

=> s l1 and shampoo  
'SQSP' IS NOT A VALID FIELD CODE

'SQSP' IS NOT A VALID FIELD CODE  
'SQSP' IS NOT A VALID FIELD CODE  
7 FILES SEARCHED...  
'SQSP' IS NOT A VALID FIELD CODE  
L4 0 L1 AND SHAMPOO

=> s l2 and shampoo  
'SQSP' IS NOT A VALID FIELD CODE  
'SQSP' IS NOT A VALID FIELD CODE  
'SQSP' IS NOT A VALID FIELD CODE  
'SQSP' IS NOT A VALID FIELD CODE  
L5 4 L2 AND SHAMPOO

=> s l3 and shampoo  
'SQSP' IS NOT A VALID FIELD CODE  
'SQSP' IS NOT A VALID FIELD CODE  
'SQSP' IS NOT A VALID FIELD CODE  
'SQSP' IS NOT A VALID FIELD CODE  
L6 5 L3 AND SHAMPOO

=> s l5 or l6  
L7 5 L5 OR L6

=> dup rem l7  
PROCESSING COMPLETED FOR L7  
L8 4 DUP REM L7 (1 DUPLICATE REMOVED)

=> d l8 1-4

L8 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1  
AN 2003:950441 CAPLUS  
DN 140:1183  
TI Use of  $\alpha$ -MSH and  $\alpha$ -MSH-derived peptides for treatment of  
pruritus in animals  
IN Lipton, James M.; Catania, Anna P.  
PA USA  
SO U.S. Pat. Appl. Publ., 41 pp., Cont.-in-part of U.S. Ser. No. 23,287.  
CODEN: USXXCO  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003223949	A1	20031204	US 2002-322577	20021217
	US 2003129156	A1	20030710	US 2001-23287	20011217
PRAI	US 2001-23287	A2	20011217		

L8 ANSWER 2 OF 4 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2003:491065 CAPLUS  
DN 139:63360  
TI Use of  $\alpha$ -MSH and  $\alpha$ -MSH-derived peptides for treatment of  
pruritus in animals  
IN Lipton, James M.; Catania, Anna P.  
PA Zengen, Inc., USA  
SO PCT Int. Appl., 92 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2003051390	A1	20030626	WO 2002-US40313	20021217
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,				

GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
 LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,  
 PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA,  
 UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,  
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,  
 MR, NE, SN, TD, TG

US 2003129156 A1 20030710 US 2001-23287 20011217  
 PRAI US 2001-23287 A 20011217  
 RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 4 USPATFULL on STN  
 AN 2003:187370 USPATFULL  
 TI Use of a polypeptide for treatment of pruritis in animals  
 IN Lipton, James M., Woodland Hills, CA, UNITED STATES  
 Catania, Anna P., Milan, ITALY  
 PI US 2003129156 A1 20030710  
 AI US 2001-23287 A1 20011217 (10)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 1612  
 INCL INCLM: 424/070.210  
 INCLS: 514/018.000; 514/014.000; 514/015.000; 514/016.000  
 NCL NCLM: 424/070.210  
 NCLS: 514/018.000; 514/014.000; 514/015.000; 514/016.000  
 IC [7]  
 ICM: A61K038-10  
 ICS: A61K038-08; A61K038-05  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L8 ANSWER 4 OF 4 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.  
 on STN  
 AN 74164616 EMBASE  
 DN 1974164616  
 TI Treatment of scalp disorders.  
 AU Munro D.D.  
 CS St. Bartholomew's Hosp., London, United Kingdom  
 SO British Medical Journal, (1974) 1/5901 (236-238).  
 CODEN: BMJOAE  
 DT Journal  
 FS 037 Drug Literature Index  
 013 Dermatology and Venereology  
 LA English

=> d 18 4 kwic hit

L8 ANSWER 4 OF 4 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED.  
 on STN  
 CT Medical Descriptors:  
 \*alopecia  
 \*ammonium mercuric chloride  
 \*circumscribed neurodermatitis  
 \*dandruff  
 \*eczema  
 \*nerve cell firing frequency  
 \*scalp  
 \*seborrheic dermatitis  
 \*skin tumor  
 topical drug administration  
 therapy  
 diagnosis

- review
- \*aluminum acetate
- \*amphotericin
- \*betamethasone
- \*chlortetracycline
- \*clotrimazole
- \*coal tar
- \*copper
- \*dithranol
- \*fluocinolone
- \*fluorouracil
- \*fusidic acid
- \*griseofulvin
- \*hexachlorophene
- \*nystatin
- \*permanganate potassium
- \*salicylic acid
- \*selenium
- \*sulfamethoxazole
- \*sulfur
- \*tetracosactide
- \*tolnaftate
- \*triamcinolone
- \*trimethoprim
- \*zinc

pyrithione zinc

**deep cleansing shampoo**

zp 11

selenium sulfide

lenium

genisol

alphosyl

betamethasone valerate

lindane

fluocinolone acetonide

tricaderm

nystaform

amphotericin b

fusidate sodium

unclassified drug

RN. . . 70-30-4; (nystatin) 1400-61-9, 34786-70-4, 62997-67-5; (permanganate potassium) 7722-64-7; (salicylic acid) 63-36-5, 69-72-7; (selenium) 7782-49-2; (sulfamethoxazole) 723-46-6; (sulfur) 13981-57-2, 7704-34-9; (tetracosactide) 16960-16-0; (tolnaftate) 2398-96-1; (triamcinolone) 124-94-7; (trimethoprim) 738-70-5; (zinc) 7440-66-6; (pyrithione zinc) 13463-41-7; (selenium sulfide) 56093-45-9, 7446-34-6, 7488-56-4, 8012-80-4; (betamethasone valerate) 2152-44-5, . . .

CN Head and shoulders; **Deep cleansing shampoo**; Zp 11; Selsun; Lenium; Genisol; Alphosyl; Betnovate; Lorexane; Synalar; Tricaderm; Nystaform; Fungilin; Canesten; Synacthen; Fucidin; Tinaderm

CT Medical Descriptors:

- \*alopecia
- \*ammonium mercuric chloride
- \*circumscribed neurodermatitis
- \*dandruff
- \*eczema
- \*nerve cell firing frequency
- \*scalp
- \*seborrheic dermatitis
- \*skin tumor
- topical drug administration
- therapy
- diagnosis
- review

Drug Descriptors:

\*aluminum acetate  
 \*amphotericin  
 \*betamethasone  
 \*chlortetracycline  
 \*clotrimazole  
 \*coal tar  
 \*copper  
 \*dithranol  
 \*fluocinolone  
 \*fluorouracil  
 \*fusidic acid  
 \*griseofulvin  
 \*hexachlorophene  
 \*nystatin  
 \*permanganate potassium  
 \*salicylic acid  
 \*selenium  
 \*sulfamethoxazole  
 \*sulfur  
 \*tetracosactide  
 \*tolnaftate  
 \*triamcinolone  
 \*trimethoprim  
 \*zinc

pyrithione zinc

**deep cleansing shampoo**

zp 11

selenium sulfide

lenium

genisol

alphosyl

betamethasone valerate

lindane

fluocinolone acetone

tricaderm

nystaform

amphotericin b

fusidate sodium

unclassified drug

RN (aluminum acetate) 139-12-8, 7360-44-3; (amphotericin) 12633-72-6;  
 (betamethasone) 378-44-9; (chlortetracycline) 12691-62-2, 57-62-5,  
 64-72-2, 78794-02-2; (clotrimazole) 23593-75-1; (coal tar) 8007-45-2;  
 (copper) 15158-11-9, 7440-50-8; (dithranol) 1143-38-0, 480-22-8;  
 (fluocinolone) 807-38-5; (fluorouracil) 51-21-8; (fusidic acid) 6990-06-3;  
 (griseofulvin) 126-07-8; (hexachlorophene) 11119-93-0, 70-30-4; (nystatin)  
 1400-61-9, 34786-70-4, 62997-67-5; (permanganate potassium) 7722-64-7;  
 (salicylic acid) 63-36-5, 69-72-7; (selenium) 7782-49-2;  
 (sulfamethoxazole) 723-46-6; (sulfur) 13981-57-2, 7704-34-9;  
 (tetracosactide) **16960-16-0**; (tolnaftate) 2398-96-1;  
 (triamcinolone) 124-94-7; (trimethoprim) 738-70-5; (zinc) 7440-66-6;  
 (pyrithione zinc) 13463-41-7; (selenium sulfide) 56093-45-9, 7446-34-6,  
 7488-56-4, 8012-80-4; (betamethasone valerate) 2152-44-5, 57654-97-4;  
 (lindane) 58-89-9; (fluocinolone acetone) 67-73-2; (amphotericin b)  
 1397-89-3, 30652-87-0; (fusidate sodium) 751-94-0

CN Head and shoulders; **Deep cleansing shampoo**; Zp 11; Selsun;  
 Lenium; Genisol; Alphosyl; Betnovate; Lorexane; Synalar; Tricaderm;  
 Nystaform; Fungilin; Canesten; Synacthen; Fucidin; Tinaderm

=> FIL REGISTRY

COST IN U.S. DOLLARS

SINCE FILE  
ENTRY

TOTAL  
SESSION

FULL ESTIMATED COST

186.87      267.42

FILE 'REGISTRY' ENTERED AT 15:56:57 ON 26 JUL 2004  
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STRUCTURE FILE UPDATES: 25 JUL 2004 HIGHEST RN 716315-35-4  
DICTIONARY FILE UPDATES: 25 JUL 2004 HIGHEST RN 716315-35-4

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> S 16960-16-0/RN

L9                    1 16960-16-0/RN

=> SET NOTICE 1 DISPLAY

NOTICE SET TO 1 U.S. DOLLAR FOR DISPLAY COMMAND  
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=> D L9 SQIDE 1-

YOU HAVE REQUESTED DATA FROM 1 ANSWERS - CONTINUE? Y/(N):y  
THE ESTIMATED COST FOR THIS REQUEST IS 5.92 U.S. DOLLARS  
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L9    ANSWER 1 OF 1    REGISTRY    COPYRIGHT 2004 ACS on STN  
RN    16960-16-0    REGISTRY  
CN     $\alpha$ 1-24-Corticotropin (8CI, 9CI)    (CA INDEX NAME)  
OTHER NAMES:  
CN    (1-24) $\alpha$ -ACTH  
CN     $\alpha$ 1-24-ACTH  
CN     $\alpha$ 1-24-Adrenocorticotrophic hormone  
CN     $\beta$ -Corticotrophin-(1-24)-tetracosapeptide  
CN     $\beta$ 1-24-ACTH  
CN     $\beta$ 1-24-Corticotropin  
CN     $\beta$ 1-24-Tetracosactide  
CN    10: PN: WO03051390 PAGE: 52 claimed protein  
CN    2136: PN: WO03060071 SEQID: 2198 unclaimed  
CN    4: PN: WO2004045592 SEQID: 3 unclaimed sequence  
CN    8: PN: WO0069900 SEQID: 7 unclaimed sequence  
CN    ACTH $\alpha$ 1-24  
CN    ACTH1-24  
CN    Actholain  
CN    Adrenocorticotropin(1-24)  
CN    Ba 30920  
CN    Ba 36716  
CN    Corticotropin-(1-24)  
CN    Cortrophin S  
CN    Cortrosinta

CN Cortrosyn  
 CN Cosyntropin  
 CN Human ACTH (1-24)  
 CN L-Proline, L-seryl-L-tyrosyl-L-seryl-L-methionyl-L-glutamyl-L- $\alpha$ -  
 histidyl-L-phenylalanyl-L-arginyl-L-tryptophylglycyl-L-lysyl-L-prolyl-L-  
 valylglycyl-L-lysyl-L-lysyl-L-arginyl-L-arginyl-L-prolyl-L-valyl-L-lysyl-L-  
 valyl-L-tyrosyl-  
 CN Nuvacthen Depot  
 CN PN: WO9952928 SEQID: 9 claimed protein  
 CN Porcine ACTH (1-24)  
 CN Synacthen  
 CN Synacthene  
 CN Synacthene-retard  
 CN Synecthen  
 CN Tetracosactid  
 CN Tetracosactide  
 CN Tetracosactrin  
 CN Tetracosapeptide  
 FS PROTEIN SEQUENCE; STEREOSEARCH  
 SQL 24

PATENT ANNOTATIONS (PNTE):

Sequence	Patent
Source	Reference
Not Given	WO2000069900
	unclaimed
	SEQID 7
	WO9952928
	claimed
	SEQID 9

SEQ 1 SYSMEHFRWG KPVGKKRRPV KVYP

\*\*RELATED SEQUENCES AVAILABLE WITH SEQLINK\*\*

DR 35-33-6, 17008-05-8, 37341-02-9, 52051-40-8

MF C136 H210 N40 O31 S

CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSCHM,  
 DDFU, DIOGENES, DRUGU, EMBASE, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA,  
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 (\*File contains numerically searchable property data)

Other Sources: EINECS\*\*, WHO

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Report

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
 FORM (Formation, nonpreparative); PREP (Preparation); PROC (Process);  
 PRP (Properties); RACT (Reactant or reagent); USES (Uses)

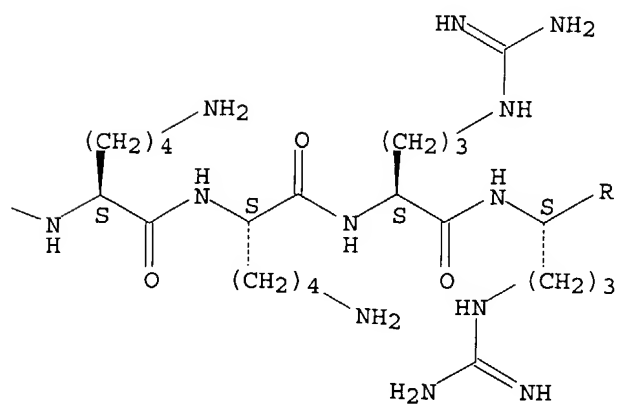
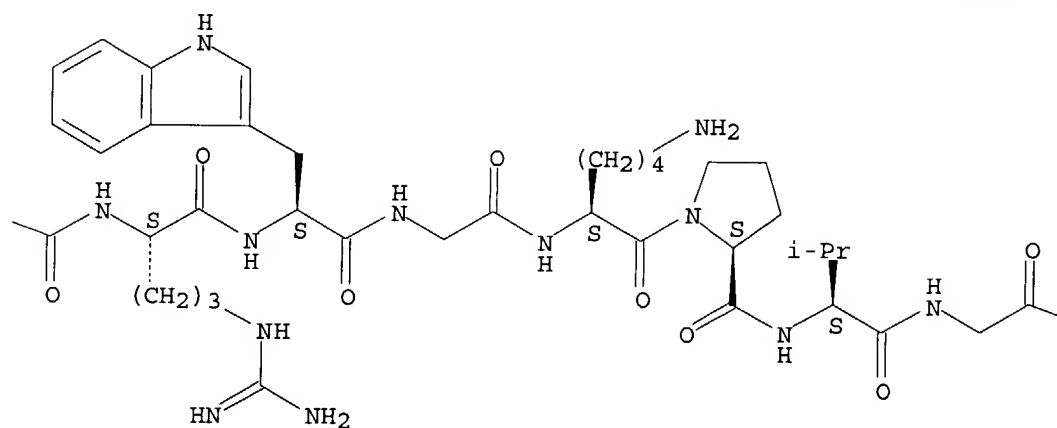
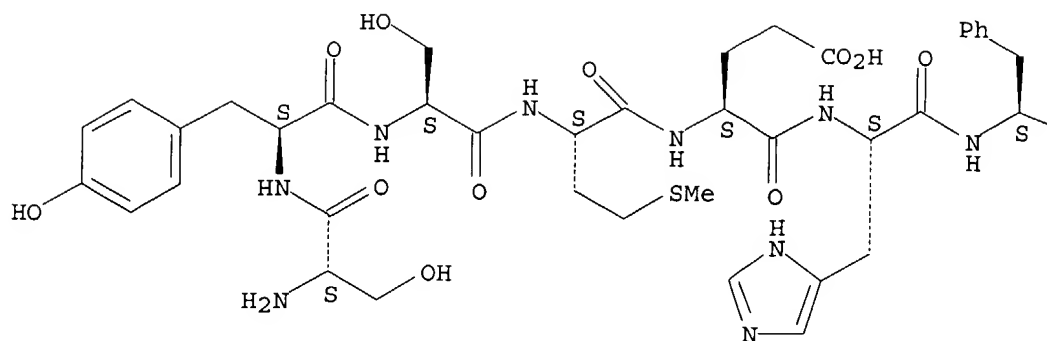
RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); USES (Uses)

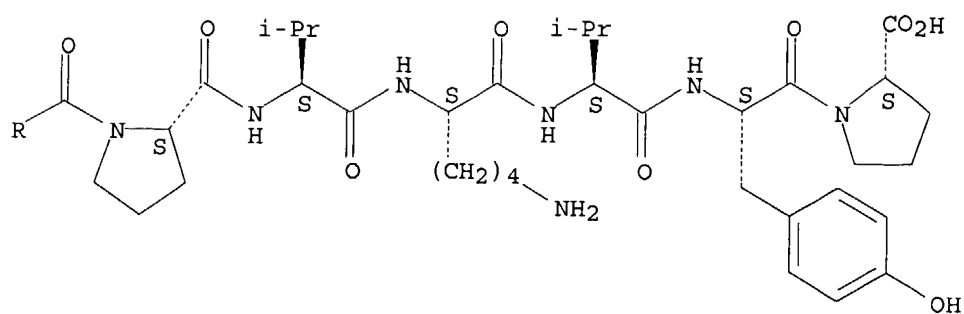
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study);  
 FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation);  
 PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study);  
 BIOL (Biological study); PREP (Preparation); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

Absolute stereochemistry.







2051 REFERENCES IN FILE CA (1907 TO DATE)  
 21 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 2053 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 13 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> SET NOTICE LOGIN DISPLAY

NOTICE SET TO OFF FOR DISPLAY COMMAND  
 SET COMMAND COMPLETED

=>